Author Index Volume 72 (1992)

Adhamy, A., 245
Aoyama, M., 53, 73
Asai, H., 31

Barbari, T.A., 304
Barker, P.E., 1
Bhattacharjee, C., 137
Bhattacharjee, S., 149
Bhattacharya, P.K., 137, 149
Borle, F., 21

Chern, R.T., 91
Choi, H.S., 259
Cussler, E.L., 231

Ding, L.H., 267

Fane, A.G., 197
Fell, C.J.D., 197
Fujii, Y., 53, 73
Fusaoka, Y., 73

Gekas, V., 293
Ghosal, K., 91

Hino, T., 259

Ismael, M., 181
Iwatani, H., 53, 73

Jaffrin, M.Y., 267

Kato, S., 31
Kigoshi, S., 53, 73
Kong, Y., 189

Laird, S.P., 103, 119
Laurent, J.M., 267
Lin, X., 189
Liu, W., 189

Maletzki, F., 171
Mariñas, B.J., 211
McConvey, I.F., 245
McCray, S.H., 231
McDonogh, R.M., 197
Michel, H., 21

Nagahama, K. 31
Negishi, Y., 259
Newbold, D.D., 231
Ni, P., 163
Noritomi, H., 31

Ohya, H. 259
Opong, W.S., 277

Paul, D.R. 303
Persson, K.M., 293

Rösler, H.-W., 171

Sata, T., 43
Scott, K., 245
Selleck, R.E., 211
Shibata, M., 259
Sigrist, H., 21
Sivik, B., 293
Spiegler, K.S., 303
Staude, E., 171
Stern, S.A., 205

Till, A., 1
Tondre, C., 181

Vieth, W.R., 103, 119

Wahlgren, M., 293
Wang, K.L., 231
Wang, S.C., 13
Wang, Y.X., 13
Welsch, K., 197
Wu, Y., 189

Xu, J., 189

Yu, K.T., 13

Zhang, M., 163
Zhou, S., 205
Zydney, A.L., 277

Subject Index Volume 72 (1992)

air drying, 231
alcohol selectivity, 53
anesthesia, 205
anion exchange membrane, 43
aqueous alcohol solution, 73
aryl nitration, 91
asymmetric permeation, 73

bacteriorhodopsin, 21
biological membranes, 205
biomembrane analogs, 21
blood microfiltration, 267
brain tissue, 205

cascade, 1
cation exchange membranes, 171
chronopotentiometry, 171
coating effect, 73
composite membranes, 43, 259, 277
concentration polarization, 137, 211, 267
conducting polymers, 43
condormational structure, 103, 119
contact angel, 293
crossflow microfiltration, 245

diafiltration, 1
diffusion, 31, 119
direct contact membrane, 53, 73
distillation, 53, 73
dual-sorption model, 103, 205

electrodialysis, 171
emulsion membrane filtration, 245
extraction, 245

fiber membranes, 231
filtration, 197
fine porous membrane, 53, 73
flat-leaf cell, 211
fouling, 137, 245, 293
fouling layer permeability, 197
free volume, 31
gas permeability, 91
gas separations, 231
gel layer, 149,
glass membranes, 103, 119

halothane, 205
heat treatment, 73
hollow fiber, 53
hollow fiber modules, 231
hydrodynamic theory, 277

isomerization kinetics, 103

lipid membranes, 21
lipid polymerization, 21
liquid membranes, 181
liquid permeability and separations, 31
lithium, 43

membrane compaction, 211
membrane distillation, 189
metal-ion uptake, 181
microencapsulation, 163
microporous membranes, 137
molecular weights, 149
multicomponent electrolyte solutions, 211

organic separations, 31
osmosis, 277
osmotic pressure, 149
overlimiting current, 171

particle charge, 197
pervaporation, 31, 259
phase inversion processes, 259
plasma polymerization, 189
plasmafiltration, 267
poly(phenylene oxide), 91
poly(vinylidene fluoride), 53, 73
polyamide microcapsules, 163
polysulfone, 53, 91
pore size distribution, 13

radiation grafting polymerization, 189
rechargeable battery, 43
reflection coefficient, 277
reverse osmosis, 211
reversed micelles, 181

selectivity, 73
separation factor, 259
separation of water–ethanol mixtures, 259
size distribution, 163
spiral-wound element, 211
structure–property relation, 91
surface heterogeneity, 171
surface modified membranes, 189
surface properties, 293

theory, 13, 137, 149
thin-film composite membranes, 211

ultrafiltration, 1, 137, 149, 277, 293
unsteady cross filtration, 267

vesicles, 21

water sorption and diffusion, 231

zeta-potential, 163